Index of Authors

Abou-Taleb, H. *see* Raza, S

Abrunhosa, L., Paterson, R.R.M., Kozakiewicz, Z., Lima, N. & Venâncio, A. Mycotoxin production from fungi isolated from grapes, 240

Ahrné, S. *see* Vásquez, A.

Alim, S.R., Hossain, M.Anwar, Chowdhury, E.K. & Kusuda, R. G1 Antigen: a cell-surface immunoprotective 96 kDa glycoprotein from virulent fish pathogen *Enterococcus seriolicida*, its purification and characterization, 357

Allan, E.J. *see* Walker, R.

Alonso-Calleja, C. *see* Capita, R.

Al-Sheikh, H. *see* Holt, S.M.

Altieri, C. *see* Massa, S.

Anand, T., Narasa Raju, T.A., Vishnu, C., Venkateswar Rao, L. & Sharma, G. A comparison of immunomagnetic separation and culture, Reveal™ and VIP™ for the detection of *E. coli* O157 in enrichment cultures of naturally-contaminated raw beef, lamb and mixed meat products, 176

Antona, C. *see* Lomascolo, A.

Antonnacci, L. *see* Salvat, A.

Ashton, R. *see* Chapman, P.A.

Asther, M. *see* Lomascolo, A.

Attfield, P.V. *see* Bell, P.J.L.

Attwood, G. *see* Shannon, A.L.

Augustin, C. *see* Uberos, J.

Baldrian, P. *see* Gabriel, J.

Barnard, P. *see* Du Plessis, C.A.

Barreto, M.R. *see* Loguercio, L.L.

Basílico, J.C., De Basílico, M.Z., Chiericatti, C. & Vinderola, C.G. Characterization and control of thread mould in cheese, 419

Beggs, C.B. *see* Cairns, G.

Bell, P.J.L., Higgins, V.J. & Attfield, P.V. Comparison of fermentative capacities of industrial baking and wild-type yeasts of the species *Saccharomyces cerevisiae* in different sugar media, 224

Ben Slama, K. *see* Cherif, A.

Bensoussan, M. *see* Sautour, M.

Besser, T.E. *see* Lejeune, J.T.

Bettelheim, K.A. *see* Brooks, H.J.L.

Bissonnette, G.K. *see* Lillis, T.O.

Bolton, D.J. *see* Mcgee, P.

Boudabous, A. *see* Cherif, A.

Brocchi, G.F. *see* Massa, S.

Brooks, H.J.L., Mollison, B.D., Bettelheim, K.A., Matejka, K., Paterson, K.A. & Ward, V.K. Occurrence and virulence factors of non-O157 Shiga toxin-producing *Escherichia coli* in retail meat in Dunedin, New Zealand, 118

Burton, S.K. *see* Smejkal, C.W.

Cairns, G., Kerr, K.G., Beggs, C.B., Sleigh, P.A., Mooney, L., Keig, P. & Donnelly, J.K. Prediction of conidial germination of *Penicillium chrysogenum* as influenced by temperature, water activity and pH, 135

Capita, R., Alonso-Calleja, C., García-Fernández, M.C. & Moreno, B. Influence of strain and trisodium phosphate concentration on growth parameters of *Listeria monocytogenes in vitro*, 428

Carson, J. *see* Wilson, T.

Chang, Y.-H. *see* Shangkuan, Y.-H.

Chapman, P.A., Ellin, M. & Ashton, R. Detection of tabtoxin-producing strains of *Pseudomonas syringae* by PCR, 171

Chart, H., Willshaw, G.A. & Cheasty, T. Evaluation of a reversed passive latex agglutination test for the detection of Verocytotoxin (VT) expressed by strains of VT-producing *Escherichia coli*, 370

Cheasty, T. *see* Chart, H.

Chen, J & Griffiths, M.W. Instructions to authors, 7

Cherif, A., Ouzari, H., Daffonchio, D., Cherif, H., Ben Slama, K., Hassen, A., Jaoua, S. & Boudabous, A. Thuricin 7: a novel bacteriocin produced by *Bacillus thuringiensis* BMG1.7, a new strain isolated from soil, 243

Cherif, H. *see* Cherif, A.

Chiericatti, C. *see* Basílico, J.C.

Chowdhury, E.K. *see* Alim, S.R.

Christeller, J.T. *see* Shannon, A.L.

Christiansen, J.L. *see* Raza, S

Cooke, P.H. *see* Yu, S.-L.

Corsaro, D. *see* Lozniewski, A.

Cozzi, L. *see* Croci, L.

Croci, L., Serratore, P., Cozzi, L., Stacchini, A., Milandri, S., Suffredini, E. & Toti, L. A rapid procedure for isolating chromosomal DNA from *Lactobacilli* species and other Gram-positive bacteria, 57

D'Auria, F.D., Tecca, M., Strippoli, R. & Simonetti, N. *In-vitro* activity of propyl gallate–azole drug combination against fluconazole- and itraconazole-resistant *Candida albicans* strains, 220

Daffonchio, D. *see* Cherif, A.

Dandie, C.E., Thomas, S.M. & Mcclure, N.C. Peptide utilization by *Lactococcus lactis* and *Leuconostoc mesenteroides*, 26

Dantigny, P. *see* Sautour, M.

Davies, K.W. *see* Jordan, K.N.

Dawson, S. *see* Shina, A.

De Basílico, M.Z. *see* Basílico, J.C.

De Vuyst, L. *see* Marshall, V.M.

Degeest, B. *see* Marshall, V.M.

Delattre, M. *see* Lomascolo, A.
Desmarchelier, P. *see* Midgley, J.
Desmazeaud, M. *see* Foucaud, C.
Dicks, L.M.T. *see* Du Toit, M.
Divies, C. *see* Sautour, M.
Dohme, F., Machmüller, A., Wasserfallen, A. & Kreuzer, M. Effect of hydrostatic pressure on the morphology and ultrastructure of wild-type and trehalose synthase mutant cells of *Saccharomyces cerevisiae*, 47
Donnelly, J.K. *see* Cairns, G.
Du Plessis, C.A., Barnard, P., Muhlbauer, R.M. & Naldrett, K. Empirical model for the autotrophic biodegradation of thiocyanate in an activated sludge reactor, 103
Du Toit, M., Dicks, L.M.T. & Holzapfel, W.H. Copper sorption by native and modified pellets of wood-rotting basidiomycetes, 199
Dunn, H. *see* Marshall, V.M.
Dykes, G.A. & Moorhead, S.M. The role of L-carnitine and glycine betaine in the survival and sub-lethal injury of non-growing *Listeria monocytogenes* cells during chilled storage, 282

Earley, B. *see* Mcgee, P.
Edwards, S.G. & Seddon, B. Selective media for the specific isolation and enumeration of *Botrytis cinerea* conidia, 63
Ehrmann, M.A., Scheyhing, C.H. & Vogel, R.F. *In vitro* stability and expression of green fluorescent protein under high pressure conditions, 230
Ellin, M. *see* Chapman, P.A.
Elvin, M. *see* Marshall, V.M.
Ezeronye, O.U. & Okerentugba, P.O. Characterization of dextran-producing *Leuconostoc* strains, 190

Fandi, K.G., Gahazli, H.M., Yazid, A.M. & Raha, A.R. Purification and N-terminal amino acid sequence of fructose-6-phosphate phosphoketolase from *Bifidobacterium longum* BB536, 235
Farina, M. *see* Fernandes, P.M.B.
Fernandes, P.M.B., Farina, M. & Kurtenbach, E. Characterization of lactic acid bacteria in the larval midgut of the keratinophagous lepidopteran, *Hofmannophila pseudospretella*, 42
Fernández, L. *see* Zabala, A.
Fornasari, M.E. *see* Gatti, M.
Fortunato, R.H. *see* Salvat, A.
Foucaud, C., Hemme, D. & Desmazeaud, M. Effects of metal ions on simultaneous production of glucose oxidase and catalase by *Aspergillus niger*, 20
Fredriksson-Ahomaa, M., Korte, T. & Korkeala, H. Transmission of *Yersinia enterocolitica* 4/O:3 to pets via contaminated pork, 375

Gabriel, J., Baldrian, P., Hladíková, K. & Háková, M. Optimum conditions for yeast protoplast release and regeneration in *Saccharomyces cerevisiae* and *Candida tropicalis* using gut enzymes of the giant African snail *Achatina achatina*, 194
Gahazli, H.M. *see* Fandi, K.G.
García-Fernández, M.C. *see* Capita, R.
Gaskell, R.M. *see* Shina, A.
Gathumbi, J.K., Usleber, E. & Märtlbauer, E. Production of ultrasensitive antibodies against aflatoxin B_1, 349
Gatti, M., Fornasari, M.E. & Neviani, E. Differentiation of *Lactobacillus delbrueckii* subsp. *bulgaricus* and *Lactobacillus delbrueckii* subsp. *lactis* by SDS-PAGE of cell-wall proteins, 352
Gibson, G.R. *see* Rycroft, C.E.
Godoy, H.M. *see* Salvat, A.
González, A. *see* Zamudio, M.
Goto, N. *see* Igarashi, T.
Gray, C. *see* Smith, P.A.
Griffiths, M.W. *see* Chen, J.
Gu, Y. *see* Marshall, V.M.
Guerin, T.F., Mondido, M., Mcclenn, B. & Peasley, B. Application of resazurin for estimating abundance of contaminant-degrading micro-organisms, 340
Guerrero, M.A. *see* Sinigalliano, C.D.
Guimaraes, C.T. *see* Loguercio, L.L.

Háková, M. *see* Gabriel, J.
Hald, B., Rattenborg, E. & Madsen, M. Role of batch depletion of broiler houses on the occurrence of *Campylobacter* spp. in chicken flocks, 253
Hall, G. *see* Whitby, C.B.
Hancock, D.D. *see* Lejeune, J.T.
Hart, C.A. *see* Shina, A.
Hassen, A. *see* Cherif, A.
Haza, A.I. *see* Zabala, A.
Heesche-Wagner, K., Schwarz, T. & Kaufmann, M. Fermentation properties of gentio-oligosaccharides, 162
Helbig, J.H., Lück, P.C., Steinert, M., Jacobs, E. & Witt, M. Immunolocalization of the Mip protein of intracellularly and extracellularly grown *Legionella pneumophila*, 83
Hemme, D. *see* Foucaud, C.
Henken, A.M. *see* Voogt, N.
Higgins, V.J. *see* Bell, P.J.L.
Hill, C. *see* Ryan, M.P.
Hilton, A.C. *see* Hopkins, K.L.
Hladíková, K. *see* Gabriel, J.
Holroyd, A. *see* Smith, P.A.
Holt, S.M., Al-Sheikh, H. & Shin, K.-J. *Lactobacillus plantarum* phytase activity is due to non-specific acid phosphatase, 185

Holzapfel, W.H. *see* Du Toit, M.
Hopcroft, D.H. *see* Shannon, A.L.
Hopkins, K.L. & Hilton, A.C. Influence of butyric and lactic acids on the, 126
Hossain, M.Anwar *see* Alim, S.R.
Howard, G.T., Vicknair, J. & Mackie, R.I. Effects of chilling on sampling of bacteria attached to swine carcasses, 211
Hua, S.-S.T. Inhibitory effect of acetosyringone on two aflatoxin biosynthetic genes, 278
Huang, Y.L. *see* Wu, H.C.
Huang, Y.Y. *see* Liu, J-Zhong
Huang, Y.Y. *see* Wu, H.C.
Hughes, T.A. *see* Ulrich, R.L.
Humbert, A. *see* Lozniewski, A.

Igarashi, T., Yano, Y., Yamamoto, A., Sasa, R. & Goto, N. Identification of *Streptococcus salivarius* by PCR and DNA probe, 394
Ikeda, N. *see* Shinoda, T.
Ineson, P. *see* Whitby, C.B.
Innes, C.M.J. *see* Walker, R.
Ishida, Y. *see* Shinoda, T.

Jacobs, E. *see* Helbig, J.H.
Jaoua, S. *see* Cherif, A.
Ji, L.N. *see* Liu, J-Zhong
Jones, M.R. *see* Rycroft, C.E.
Jones, R.D. *see* Sinigalliano, C.D.
Jordan, K.N. & Davies, K.W. Sodium chloride enhances recovery and growth of acid-stressed *E. coli* O157:H7, 312
Jørnsgård, B. *see* Raza, S
Jun, K.-D. *see* Lee, K.-H.

Kaneko, K. *see* Shinoda, T.
Kaufmann, M. *see* Heesche-Wagner, K.
Kayser, K.J., Kwak, J.-H., Park, H.-S. & Kilbane Ii, J.J. Inducible and constitutive expression using new plasmid and integrative expression vectors for *Thermus* sp., 412
Kazy, S.K. *see* Sar, P.
Keig, P. *see* Cairns, G.
Kerr, K.G. *see* Cairns, G.
Kilbane Ii, J.J. *see* Kayser, K.J.
Kim, C.H. *see* Lee, M.S.
Kim, S.W. *see* Lee, M.S.
Kim, W.-S. *see* Lee, K.-H.
Kirk, R.B. *see* Rowe, M.T.
Kobata, T. *see* Tada, Y.
Korkeala, H. *see* Fredriksson-Ahomaa, M.
Korte, T. *see* Fredriksson-Ahomaa, M.
Kozakiewicz, Z. *see* Abrunhosa, L.
Kreuzer, M. *see* Dohme, F.
Kudo, T. *see* Ui, S.
Kuhn, D.N. *see* Sinigalliano, C.D.
Kurtenbach, E. *see* Fernandes, P.M.B.
Kusuda, D. *see* Shinoda, T.
Kusuda, R. *see* Alim, S.R.
Kwak, J.-H. *see* Kayser, K.J.

Lai, S.C. *see* Wu, H.C.
Lappin-Scott, H.M. *see* Smejkal, C.W.
Lavander, F. *see* Marshall, V.M.
Laws, A.P. *see* Marshall, V.M.
Le Faou, A. *see* Lozniewski, A.
Lee, K.-H., Jun, K.-D., Kim, W.-S. & Paik, H.-D. Molecular characterization of *Bacillus anthracis* using multiplex PCR, ERIC-PCR and RAPD, 146
Lee, M.S., Lim, J.S., Kim, C.H., Oh, K.K., Yang, D.R. & Kim, S.W. Enhancement of Cephalosporin C production by cultivation of *Cephalosporium acremonium* M25 using a mixture of inocula, 402
Lejeune, J.T., Besser, T.E., Rice, D.H. & Hancock, D.D. Methods for the isolation of water-borne *Escherichia coli* O157, 316
Leonard, N. *see* Mcgee, P.
Lesage-Meessen, L. *see* Lomascolo, A.
Liébana, J. *see* Uberos, J.
Lillis, T.O. & Bissonnette, G.K. Detection and characterization of filterable heterotrophic bacteria from rural groundwater supplies, 268
Lim, J.S. *see* Lee, M.S.
Lima, N. *see* Abrunhosa, L.
Lin, H.-C. *see* Shangkuan, Y.-H.
Liu, J. *see* Liu, J-Zhong
Liu, J-Zhong, Huang, Y.Y., Liu, J., Weng, L.P. & Ji, L.N. A simple and easy method for the monitoring of environmental pollutants using oligotrophic bacteria, 16
Loguercio, L.L., Santos, C.G., Barreto, M.R., Guimaraes, C.T. & Paiva, E. Association of PCR and feeding bioassays as a large-scale method to screen tropical *Bacillus thuringiensis* isolates for a *cry* constitution with higher insecticidal effect against *Spodoptera frugiperda* (Lepidoptera: Noctuida) larvae, 362
Lomascolo, A., Asther, M., Navarro, D., Antona, C., Delattre, M. & Lesage-Meessen, L. Shifting the biotransformation pathways of L-phenylalanine into benzaldehyde by *Trametes suaveolens* CBS 334.85 using HP20 resin, 262
Lozniewski, A., Humbert, A., Corsaro, D., Schwartzbrod, J., Weber, M. & Le Faou, A. Comparison of sludge and clinical isolates of *Listeria monocytogenes*, 336

Lück, P.C. *see* Helbig, J.H.
Lydon, J. & Patterson, C.D. A directed approach to the selection of bacteria with enhanced catabolic activity, 166

Machmüller, A. *see* Dohme, F.
Mackie, R.I. *see* Howard, G.T.
Madsen, M. *see* Hald, B.
Mammina, C. *see* Massa, S.
Marshall, V.M., Laws, A.P., Gu, Y., Lavander, F., Radstrom, P., De Vuyst, L., Degeest, B., Vaningelgem, F., Dunn, H. & Elvin, M. Exopolysaccharide-producing strains of thermophilic lactic acid bacteria cluster into groups according to their EPS structure, 433
Martín, M.R. *see* Zabala, A.
Märtlbauer, E. *see* Gathumbi, J.K.
Massa, S., Brocchi, G.F., Peri, G., Altieri, C. & Mammina, C. Evaluation of recovery methods to detect faecal streptococci in polluted waters, 298
Masuda, O. *see* Shinoda, T.
Matejka, K. *see* Brooks, H.J.L.
Matsuda, M. *see* Matsui, T.
Matsui, T., Matsuda, M., Murayama, O., Millar, B.C. & Moore, J.E. *recA* genotyping of *Salmonella enteritidis* phage type 4 isolates by restriction fragment length polymorphism analysis, 424
McAuliffe, O. *see* Ryan, M.P.
McCarthy, A. *see* Whitby, C.B.
McClenn, B. *see* Guerin, T.F.
McClure, N.C. *see* Dandie, C.E.
McGee, P., Bolton, D.J., Sheridan, J.J., Earley, B. & Leonard, N. Partial charcterization of polyfermenticin SCD, a newly identified bacteriocin of *Bacillus polyfermenticus*, 152
McMeekin, T.A. *see* Shadbolt, C.
Medina, J.A. *see* Zamudio, M.
Mellors, D. *see* Smith, P.A.
Midgley, J. & Desmarchelier, P. Pre-slaughter handling of cattle and Shiga toxin-producing *Escherichia coli* (STEC), 307
Milandri, S. *see* Croci, L.
Millar, B.C. *see* Matsui, T.
Mimura, A. *see* Ui, S.
Molin, G. *see* Vásquez, A.
Molina, A. *see* Uberos, J.
Mollison, B.D. *see* Brooks, H.J.L.
Mon, S.K.S. *see* Shina, A.
Mondido, M. *see* Guerin, T.F.
Mooney, L. *see* Cairns, G.
Moore, J.E. *see* Matsui, T.
Moorhead, S.M. *see* Dykes, G.A.
Morales, P. *see* Zabala, A.
Moreno, B. *see* Capita, R.
Muhlbauer, R.M. *see* Du Plessis, C.A.
Muñoz-Hoyos, A. *see* Uberos, J.
Murayama, O. *see* Matsui, T.

Nakaoka, C. *see* Tada, Y.
Naldrett, K. *see* Du Plessis, C.A.
Narang, S. & Satyanarayana, T. Comparison of a range of green fluorescent protein (gfp)-tagging vectors for monitoring a microbial inoculant in soil, 31
Narasa Raju, T.A. *see* Anand, T.
Navarro, D. *see* Lomascolo, A.
Neviani, E. *see* Gatti, M.

Oh, K.K. *see* Lee, M.S.
Ohkuma, M. *see* Ui, S.
Ohtsuki, T. *see* Ui, S.
Okerentugba, P.O. *see* Ezeronye, O.U.
Ouzari, H. *see* Cherif, A.

Paik, H.-D. *see* Lee, K.-H.
Paiva, E. *see* Loguercio, L.L.
Parekh, N.R. *see* Whitby, C.B.
Park, H.-S. *see* Kayser, K.J.
Paterson, K.A. *see* Brooks, H.J.L.
Paterson, R.R.M. *see* Abrunhosa, L.
Patterson, C.D. *see* Lydon, J.
Peasley, B. *see* Guerin, T.F.
Perdih, A. *see* Podgornik, H.
Peri, G. *see* Massa, S.
Pettersson, B. *see* Vásquez, A.
Pickard, M.A. *see* Tinoco, R.
Pickup, R. *see* Whitby, C.B.
Podgornik, H., Stegu, M., Zibert, E. & Perdih, A. Laccase production by *Phanerochaete chrysosporium* – an artefact caused by Mn(III)?, 407

Radstrom, P. *see* Marshall, V.M.
Raes, M. *see* Voogt, N.
Raha, A.R. *see* Fandi, K.G.
Rastall, R.A. *see* Rycroft, C.E.
Rattenborg, E. *see* Hald, B.
Raza, S, Jørnsgård, B., Abou-Taleb, H. & Christiansen, J.L. Tolerance of *Bradyrhizobium* sp. (*Lupini*) strains to salinity, pH, $CaCO_3$ and antibiotics, 379
Rice, D.H. *see* Lejeune, J.T.
Roberto, I.C. *see* Silva, C.J.S.M.
Rodríguez, J.M. *see* Zabala, A.
Ross, R.P. *see* Ryan, M.P.
Ross, T. *see* Shadbolt, C.
Rouget, A. *see* Sautour, M.

Rowe, M.T. & Kirk, R.B. Cross-protection phenomenon in *Escherichia coli* strains harbouring cytotoxic necrotizing factors and cytolethal distending toxins, 67
Ryan, M.P., Mcauliffe, O., Ross, R.P. & Hill, C. Heterologous expression of lacticin 3147 in *Enterococcus faecalis*: comparison of biological activity with cytolysin, 71
Rycroft, C.E., Jones, M.R., Gibson, G.R. & Rastall, R.A. The survival of *Escherichia coli* O157:H7 in slurry from cattle fed different diets, 156

Salvat, A., Antonnacci, L., Fortunato, R.H., Suarez, E.Y. & Godoy, H.M. Screening of some plants from Northern Argentina for their antimicrobial activity, 293
Santos, C.G. *see* Loguercio, L.L.
Sar, P., Kazy, S.K. & Singh, S.P. Intracellular nickel accumulation by *Pseudomonas aeruginosa* and its chemical nature, 257
Sasa, R. *see* Igarashi, T.
Satyanarayana, T. *see* Narang, S.
Saunders, J.R. *see* Whitby, C.B.
Sautour, M., Rouget, A., Dantigny, P., Divies, C. & Bensoussan, M. Optimization of random amplification of polymorphic DNA analysis for molecular subtyping of *Escherichia coli* O157, 131
Scheyhing, C.H. *see* Ehrmann, M.A.
Schumacher, S. *see* Stephan, R.
Schwartzbrod, J. *see* Lozniewski, A.
Schwarz, T. *see* Heesche-Wagner, K.
Seddon, B. *see* Edwards, S.G.
Serratore, P. *see* Croci, L.
Shadbolt, C., Ross, T. & Mcmeekin, T.A. Differentiation of the effects of lethal pH and water activity: food safety implications, 99
Shaio, M.-F. *see* Shangkuan, Y.-H.
Shaio, M.F. *see* Wu, H.C.
Shangkuan, Y.-H., Chang, Y.-H., Yang, J.-F., Lin, H.-C. & Shaio, M.-F. Susceptibility of *Burkholderia cepacia* and other pathogens of importance in cystic fibrosis to u.v. light, 139
Shannon, A.L., Attwood, G., Hopcroft, D.H. & Christeller, J.T. Thermostable α-amylase production by an extreme thermophile *Bacillus thermooleovorans*, 36
Sharma, G. *see* Anand, T.
Sheridan, J.J. *see* Mcgee, P.
Shin, K.-J. *see* Holt, S.M.
Shina, A., Mon, S.K.S., Dawson, S., Gaskell, R.M., Hart, C.A. & Winstanley, C. Use of temporal temperature gradient gel electrophoresis to identify *flaA* and *fim3* sequence types in *Bordetella bronchiseptica*, 384
Shinoda, T., Kusuda, D., Ishida, Y., Ikeda, N., Kaneko, K., Masuda, O. & Yamamoto, N. Survival of *Lactobacillus helveticus* strain CP53 in the human gastrointestinal tract, 108
Silva, C.J.S.M. & Roberto, I.C. Improvement of xylitol production by *Candida guilliermondii* FTI 20037 previously adapted to rice straw hemicellulosic hydrolysate, 248
Simonetti, N. *see* D'auria, F.D.
Singh, S.P. *see* Sar, P.
Sinigalliano, C.D., Kuhn, D.N., Jones, R.D. & Guerrero, M.A. *In situ* reverse transcription to detect the *cbbL* gene and visualize RuBisCO in chemoautotrophic nitrifying bacteria, 388
Sleigh, P.A. *see* Cairns, G.
Smejkal, C.W., Vallaeys, T., Burton, S.K. & Lappin-Scott, H.M. A rapid method to screen degradation ability in chlorophenoxyalkanoic acid herbicide-degrading bacteria, 273
Smith, P.A., Mellors, D., Holroyd, A. & Gray, C. A new chromogenic medium for the isolation of *Listeria* spp., 78
Stacchini, A. *see* Croci, L.
Stegu, M. *see* Podgornik, H.
Steinert, M. *see* Helbig, J.H.
Stephan, R. & Schumacher, S. Resistance patterns of non-O157 Shiga toxin-producing *Escherichia coli* (STEC) strains isolated from animals, food and asymptomatic human carriers in Switzerland, 114
Stewart-Tull, D.E.S., Editorial, 369
Strippoli, R. *see* D'Auria, F.D.
Suarez, E.Y. *see* Salvat, A.
Suffredini, E. *see* Croci, L.

Tada, Y., Kobata, T. & Nakaoka, C. Detection of *Salmonella* and simultaneous detection of *Salmonella* and Shiga-like toxin producing *Escherichia coli* using magnetic capture hybridization PCR , 12
Takusagawa, Y. *see* Ui, S.
Tecca, M. *see* D'auria, F.D.
Thomas, S.M. *see* Dandie, C.E.
Tinoco, R., Pickard, M.A. & Vazquez-Duhalt, R. Kinetic differences of purified laccases from six *Pleurotus ostreatus* strains, 331
Toti, L. *see* Croci, L.
Tu, S.-I. *see* Yu, S.-L.

Uberos, J., Augustin, C., Liébana, J., Molina, A. & Muñoz-Hoyos, A. Comparative study of the influence of melatonin and vitamin E on the surface characteristics of *Escherichia coli*, 303

Ui, S., Takusagawa, Y., Ohtsuki, T., Mimura, A., Ohkuma, M. & Kudo, T. Stereochemical applications of the expression of the L-2, 3-butanediol dehydrogenase gene in *Escherichia coli*, 93
Ulrich, R.L. & Hughes, T.A. Ruminal methnogenesis as influence by individual fatty acids supplemented to complete ruminant diets, 52
Usleber, E. *see* Gathumbi, J.K.

Vallaeys, T. *see* Smejkal, C.W.
Van De Giessen, A.W. *see* Voogt, N.
Vaningelgem, F. *see* Marshall, V.M.
Vásquez, A., Ahrné, S., Pettersson, B. & Molin, G. Temporal temperature gradient gel electrophoresis (TTGE) as a tool for identification of *Lactobacillus casei, Lactobacillus paracasei, Lactobacillus zeae* and *Lactobacillus rhamnosus*, 215
Vazquez-Duhalt, R. *see* Tinoco, R.
Venâncio, A. *see* Abrunhosa, L.
Venkateswar Rao, L. *see* Anand, T.
Vicknair, J. *see* Howard, G.T.
Vinderola, C.G. *see* Basílico, J.C.
Vishnu, C. *see* Anand, T.
Vogel, R.F. *see* Ehrmann, M.A.
Voogt, N., Raes, M., Wannet, W.J.B., Henken, A.M. & Van De Giessen, A.W. Comparison of selective enrichment media for the detection of *Salmonella* in poultry faeces, 89

Walker, R., Innes, C.M.J. & Allan, E.J. The potential biocontrol agent *Pseudomonas antimicrobica* inhibits germination of conidia and outgrowth of *Botrytis cinerea*, 346
Wannet, W.J.B. *see* Voogt, N.
Ward, V.K. *see* Brooks, H.J.L.
Wasserfallen, A. *see* Dohme, F.
Weber, M. *see* Lozniewski, A.
Weng, L.P. *see* Liu, J-Zhong
Whitby, C.B., Hall, G., Pickup, R., Saunders, J.R., Ineson, P., Parekh, N.R. & Mccarthy, A. C incorporation into DNA as a means of identifying the active components of ammonia-oxidizer populations, 398
Willshaw, G.A. *see* Chart, H.
Wilson, T. & Carson, J. Rapid, high-throughput extraction of bacterial genomic DNA from selective-enrichment culture media, 326
Winstanley, C. *see* Shina, A.
Witt, M. *see* Helbig, J.H.
Wu, H.C., Huang, Y.L., Lai, S.C., Huang, Y.Y. & Shaio, M.F. Detection of *Clostridium botulinum* neurotoxin type A using immuno-PCR, 321

Yamamoto, A. *see* Igarashi, T.
Yamamoto, N. *see* Shinoda, T.
Yang, D.R. *see* Lee, M.S.
Yang, J.-F. *see* Shangkuan, Y.-H.
Yano, Y. *see* Igarashi, T.
Yazid, A.M. *see* Fandi, K.G.
Yu, S.-L., Cooke, P.H. & Tu, S.-I. Taxonomy of obligately homofermentative and facultatively heterofermentative lactobacilli in pig faeces, 205

Zabala, A., Martín, M.R., Haza, A.I., Fernández, L., Rodríguez, J.M. & Morales, P. Anti-proliferative effect of two lactic acid bacteria strains of human origin on the growth of a myeloma cell line, 287
Zamudio, M., González, A. & Medina, J.A. Development of Dot-ELISA for the detection of human rotavirus antigen and comparison with RNA-PAGE, 181
Zibert, E. *see* Podgornik, H.

Index of Subjects

Amylase production by *Bacillus thermooleovorans* (S. Narang & T. Satyanarayana) 31
Antimicrobial activity of Argentine plants (A. Salvat, L. Antonnacci, R.H. Fortunato, E.Y. Suarez & H.M. Godoy) 293
A rapid degradation indicator media (C.W. Smejkal, T. Vallaeys, S.K. Burton & H.M. Lappin-Scott) 273

Bacillus thuringiensis bacteriocin (A. Cherif, H. Ouzari, D. Daffonchio, H. Cherif, K. Ben Slama, A. Hassen, S. Jaoua & A. Boudabous) 243
Benzaldehyde biosynthesis by *Trametes suaveolens* (A. Lomascolo, M. Asther, D. Navarro, C. Antona, M. Delattre & L. Lesage-Meessen) 262
Biological monitoring of heavy metals (Y. Tada, T. Kobata & C. Nakaoka) 12
Botrytis selective media (S.G. Edwards & B. Seddon) 63
B. polyfermenticus bacteriocin (K.-H. Lee, K.-D. Jun, W.-S. Kim & H.-D. Paik) 146

Campylobacter and broiler batch depletion (B. Hald, E. Rattenborg & M. Madsen) 253
Cephalosporin C production (M.S. Lee, J.S. Lim, C.H. Kim, K.K. Oh, D.R. Yang & S.W. Kim) 402
Characterization of *B. anthracis* (Y.-H. Shangkuan, Y.-H. Chang, J.-F. Yang, H.-C. Lin & M.-F. Shaio) 139
Characterization of *Leuconostoc* (S.M. Holt, H. Al-Sheikh & K.-J. Shin) 185
Chilling on bacterial attachment (S.-L. Yu, P.H. Cooke & S.-I. Tu) 205
Chromosomal DNA isolation of Gram-positive bacteria (R.L. Ulrich & T.A. Hughes) 52
C-labelled DNA-based analysis of ammonia oxidizers (C.B. Whitby, G. Hall, R. Pickup, J.R. Saunders, P. Ineson, N.R. Parekh & A. McCarthy) 398
Comparison of GFP tagging vectors for inoculants (C.E. Dandie, S.M. Thomas & N.C. McClure) 26
Cross-protection in *Escherichia coli* (M.T. Rowe & R.B. Kirk) 67
Cu sorption by wood-rotting fungi (J. Gabriel, P. Baldrian, K. Hladíková & M. Háková) 194
Cystic fibrosis pathogens and u.v. light (G. Cairns, K.G. Kerr, C.B. Beggs, P.A. Sleigh, L. Mooney, P. Keig & J.K. Donnelly) 135

Detection of antigens using immuno-PCR (H.C. Wu, Y.L. Huang, S.C. Lai, Y.Y. Huang & M.F. Shaio) 321
Detection of *E. coli* O157 (P.A. Chapman, M. Ellin & R. Ashton) 171
Detection of *Salmonella* (N. Voogt, M. Raes, W.J.B. Wannet, A.M. Henken & A.W. van de Giessen) 89
Detection of the *Lact. casei*-complex by TTGE (A. Vásquez, S. Ahrné, B. Pettersson & G. Molin) 215
Development of Dot-ELISA (T. Anand, T.A. Narasa Raju, C. Vishnu, L. Venkateswar Rao & G. Sharma) 176
Differentiation of lactobacilli (M. Gatti, M.E. Fornasari & E. Neviani) 352
Detection of polyurethanase activity (G.T. Howard, J. Vicknair & R.I. Mackie) 211
Directed selection of bacteria (K. Heesche-Wagner, T. Schwarz & M. Kaufmann) 162

Effects of metal ions on biosynthesis of glucose oxidase and catalase (J-Zhong Liu, Y.Y. Huang, J. Liu, L.P. Weng & L.N. Ji) 16
EPS-producing lactic acid bacteria (V.M. Marshall, A.P. Laws, Y. Gu, F. Lavander, P. Radstrom, L. De Vuyst, B. Degeest, F. Vaningelgem, H. Dunn & M. Elvin) 433
Escherichia coli O157 isolation from water (J.T. LeJeune, T.E. Besser, D.H. Rice & D.D. Hancock) 316
Estimating abundance of contaminant-degrading micro-organisms (T.F. Guerin, M. Mondido, B. McClenn & B. Peasley) 340
Expression of GFP at hydrostatic pressure (M.A. Ehrmann, C.H. Scheyhing & R.F. Vogel) 230
Expression of the L-BDH gene (S. Ui, Y. Takusagawa, T. Ohtsuki, A. Mimura, M. Ohkuma & T. Kudo) 93
Expression vectors for *Thermus* sp. (K.J. Kayser, J.-H. Kwak, H.-S. Park & J.J. Kilbane II) 412

Faecal streptococci: comparison of methods (S. Massa, G.F. Brocchi, G. Peri, C. Altieri & C. Mammina) 298
Fatty acids and methnogenesis (F. Dohme, A. Machmüller, A. Wasserfallen & M. Kreuzer) 47
Filterable bacteria in groundwater (T.O. Lillis & G.K. Bissonnette) 268

Genotyping of *Salm. enteritidis* phage type 4 (T. Matsui, M. Matsuda, O. Murayama, B.C. Millar & J.E. Moore) 424
Gentio-oligosaccharides fermentation (C.E. Rycroft, M.R. Jones, G.R. Gibson & R.A. Rastall) 156
Germination of *Penicillium chrysogenum* (M. Sautour, A. Rouget, P. Dantigny, C. Divies & M. Bensoussan) 131
Growth of *E. coli* O157:H7 under stress (K.N. Jordan & K.W. Davies) 312
GUS reporter of aflatoxin biosynthetic gene (S.-S.T. Hua) 278

Heterologous expression of lacticin 3147 (M.P. Ryan, O. McAuliffe, R.P. Ross & C. Hill) 71

Identification of *Strep. salivarius* (T. Igarashi, Y. Yano, A. Yamamoto, R. Sasa & N. Goto) 394

Immunoprotective G1 Antigen (S.R. Alim, M. Anwar Hossain, E.K. Chowdhury & R. Kusuda) 357
Immunolocalization of the *Legionella* Mip protein (J.H. Helbig, P.C. Lück, M. Steinert, E. Jacobs & M. Witt) 83
Inhibition of *Botrytis cinerea* (R. Walker, C.M.J. Innes & E.J. Allan) 346
Intracellular Ni^{2+} accumulation by *Ps. aeruginosa* (P. Sar, S.K. Kazy & S.P. Singh) 257
ISRT for *cbbL* in nitrifying bacteria (C.D. Sinigalliano, D.N. Kuhn, R.D. Jones & M.A. Guerrero) 388

Kinetics of *P. ostreatus* laccases (R. Tinoco, M.A. Pickard & R. Vazquez-Duhalt) 331

Laccase production by *P. chrysosporium* (H. Podgornik, M. Stegu, E. Zibert & A. Perdih) 407
Lactobacillus plantarum phytase (M. Zamudio, A. González & J.A. Medina) 181
L. monocytogenes in sludge and humans (A. Lozniewski, A. Humbert, D. Corsaro, J. Schwartzbrod, M. Weber & A. Le Faou) 336
Lethal pH and water activity (C. Shadbolt, T. Ross & T.A. McMeekin) 99

Melatonin and *Escherichia coli* (J. Uberos, C. Augustin, J. Liébana, A. Molina & A. Muñoz-Hoyos) 303
Midgut bacteria from *H. pseudospretella* (A.L. Shannon, G. Attwood, D.H. Hopcroft & J.T. Christeller) 36
Mycotoxin from fungi from grapes (L. Abrunhosa, R.R.M. Paterson, Z. Kozakiewicz, N. Lima & A. Venâncio) 240
Myeloma anti-proliferative LAB (A. Zabala, M.R. Martín, A.I. Haza, L. Fernández, J.M. Rodríguez & P. Morales) 287

Non-growing *L. monocytogenes* (G.A. Dykes & S.M. Moorhead) 282
Novel *Listeria* medium (P.A. Smith, D. Mellors, A. Holroyd & C. Gray) 78
N-terminal sequence of fructose-6-phosphate phosphoketolase in *B. longum* (K.G. Fandi, H.M. Gahazli, A.M. Yazid & A.R. Raha) 235

Optimizing RAPD for *Escherichia coli* O157 (K.L. Hopkins & A.C. Hilton) 126
Organic acids and ß-glucuronidase activity (T. Fujisawa, K. Aikawa, T. Takahashi, S. Yamai, K. Watanabe, Y. Kubota & M. Miyaoka) 123

Peptide utilization in lactic acid bacteria (C. Foucaud, D. Hemme & M. Desmazeaud) 20
Production of aflatoxin antibodies (J.K. Gathumbi, E. Usleber & E. Märtlbauer) 349
Propyl gallate interaction with triazole drugs (F.D. D'Auria, M. Tecca, R. Strippoli & N. Simonetti) 220

Rapid high-throughput DNA extraction (T. Wilson & J. Carson) 326
Resistance patterns of non-O157 STEC (R. Stephan & S. Schumacher) 114
RPLA test for VT (H. Chart, G.A. Willshaw & T. Cheasty) 370

Saccharomyces fermentation (P.J.L. Bell, V.J. Higgins & P.V. Attfield) 224
Salmonella and magnetic capture hybridization PCR (J. Chen & M.W. Griffiths) 7
STEC in feedlot cattle (J. Midgley & P. Desmarchelier) 307
STEC in retail meat in New Zealand (H.J.L. Brooks, B.D. Mollison, K.A. Bettelheim, K. Matejka, K.A. Paterson & V.K. Ward) 118
Study of *cry* genes in tropical *B. thuringiensis* (L.L. Loguercio, C.G. Santos, M.R. Barreto, C.T. Guimaraes & E. Paiva) 362
Survival of *E. coli* O157:H7 in slurry (P. McGee, D.J. Bolton, J.J. Sheridan, B. Earley & N. Leonard) 152
Survival of *Lactobacillus helveticus* (T. Shinoda, D. Kusuda, Y. Ishida, N. Ikeda, K. Kaneko, O. Masuda & N. Yamamoto) 108

Tabtoxin PCR protocol (J. Lydon & C.D. Patterson) 166
Taxonomy of lactobacilli from pig faeces (M. Du Toit, L.M.T. Dicks & W.H. Holzapfel) 199
Thiocyanate biodegradation model (C.A. du Plessis, P. Barnard, R.M. Muhlbauer & K. Naldrett) 103
Thread mould in cheese (J.C. Basílico, M.Z. de Basílico, C. Chiericatti & C.G. Vinderola) 419
Tolerance of *Bradyrhizobium* sp. (*Lupini*) strains (S. Raza, B. Jørnsgård, H. Abou-Taleb & J.L. Christiansen) 379
TSP against *L. monocytogenes* (R. Capita, C. Alonso-Calleja, M.C. García-Fernández & B. Moreno) 428
TTGE analysis of *B. bronchiseptica* (A. Shina, S.K.S. Mon, S. Dawson, R.M. Gaskell, C.A. Hart & C. Winstanley) 384

Ultrastructure and hydrostatic pressure (P.M.B. Fernandes, M. Farina & E. Kurtenbach) 42

Vibrios in mussels and seawater (L. Croci, P. Serratore, L. Cozzi, A. Stacchini, S. Milandri, E. Suffredini & L. Toti) 57

Xylitol production by pre-adapted *C. guilliermondii* (C.J.S.M. Silva & I.C. Roberto) 248

Yeast protoplast release and regeneration (O.U. Ezeronye & P.O. Okerentugba) 190
Y. enterocolitica 4/O:3 in pets (M. Fredriksson-Ahomaa, T. Korte & H. Korkeala) 375